READY FOR KINDERGARTEN! SURVEY (R4K!S) REPORT

2018-2019 REPORT TO SUPERVISORY UNIONS/SUPERVISORY DISTRICTS

October 2019

Issued by the Vermont Agency of Education



Since 2000, Vermont has gathered information on the readiness of students entering kindergarten by surveying kindergarten teachers about their students' knowledge and skills within the first six to ten weeks of school. The effort to measure school readiness is a collaborative project of the Vermont Agency of Education (AOE), the Department for Students and Families, and the Department of Health. Various surveys for assessing schools' readiness have been conducted since this effort began. The SY2019 Ready for Kindergarten! Survey (R4K!S) marks the fourth year of deployment of the survey instrument.

There are many interpretations of what constitutes "readiness." Vermont's concept of student readiness is multidimensional; it includes social and emotional development, communication, physical health, as well as cognitive development, knowledge, and approaches to learning (e.g., enthusiasm for learning, persistence, curiosity). Vermont's concept also reflects the belief that "school readiness" is interactional: students need to be ready for schools, and schools need to be ready to accommodate the diverse needs of each and every child.

The R4K!S is not a direct assessment of students; rather it relies on the teacher's accumulated observational knowledge of the child developed during the first few weeks of kindergarten. The R4K!S, along with its scoring on readiness identification methods, is based on recommendations made as a result of an independent validity review conducted by American Institutes for Research (AIR) in spring of 2015.

R4K!S data results comparisons made between SY2016 through SY2019 are considered valid. It is important to note that readiness results prior to SY2016 are not recommended nor valid comparisons to the SY2016 through SY2019 results.

Key Facts about R4K!S Measure

During the fall of SY2019 the R4K!S was delivered through a secure online version of Survey Monkey; teachers completed one survey per child under their instruction. The survey consisted of 34 items across the domains of "Physical Development and Health" (PDH), "Social and Emotional Development" (SED), "Approaches to Learning" (ATL), "Communication" (COM), and "Cognitive Development" (CD). To complete the survey, the teacher rates each child's skills as "Beginning," "Practicing," or "Performing Independently" on 28 items and judges if hunger, illness, or fatigue inhibit the child's learning on the remaining six items. Each student's name, gender, and date of birth collected by the survey are for data verification purposes. By matching to the student's unique identifier with the October School Census data, the AOE is able to identify:

- The percentage of boys and girls surveyed.
- Whether each student participated in publicly funded prekindergarten education and for how long.
- The students eligible for Free and Reduced Lunch (FRL).

In order to capture and differentiate kindergarten students' ability levels, the R4K!S uses a "Total Score Approach," a three-point scale at the item (questions) level, and adoption of a four-point scale for readiness identification. Domain scores are used comparatively, to generally identify areas of relative strength and weakness.

The "Total Score Approach" links a student's score to overall ability. A student identifies as ready if their overall, or "Total Score," places them within the "Practicing" and "Performing Independently" range. To further differentiate the large midrange of student ability resulting from the R4K!S scoring system, "Total Scores" are converted into four rating groups, where the central cutoff is the midrange of all items.



R4K!S Scoring and Readiness Calculations

The R4K!S scoring method to determine readiness is as follows:

A three-point scale 1- "Beginning," 2- "Practicing," and 3- "Performing Independently" is used for item (question) scoring for all questions except the six in the Physical Development and Health domain. These Physical Development and Health domain questions are reported as 1- "Disagree," 2- "Somewhat Agree," and 3- "Strongly Agree."

The "Total Score" refers to the total 3-point score, based on question responses across 32 items. The "Total Score" excludes two out of the six Physical Development and Health questions. Question 11, "...missing school due to illness or lack of physical health" and question 12, "...begins...well nourished," are collected for descriptive information only.

R4K!S uses a four-level scale to calculate overall readiness. Students whose "Total Scores" fall into categories three and four ("Ready and Practicing" and "Ready and Performing Independently") are identified as ready.

Readiness Level	Total Score Range	Description
1-Not Yet Ready	32-49	Student has demonstrated a beginning level of kindergarten readiness on most items. Student may need intensive supports across development areas to reach kindergarten readiness.
2-Approaching Ready	50-63	Student has demonstrated at least a practicing level of kindergarten readiness on many items but may need intensive support in some development areas to reach kindergarten readiness.
3-Ready and Practicing	64-78	Student on average is practicing on all items of kindergarten readiness.
4-Ready and Performing Independently	79-96	Student is performing independently on many items of kindergarten readiness.

In 2018-19, 83% of all students statewide identified as kindergarten ready, with 59% being within category 4-"Ready and Performing Independently," and 24% being within category 3- "Ready and Practicing." This data demonstrates a slight 1% decrease in overall readiness.

Readiness Level	SY2017 Statewide Percentage	SY2018 Statewide Percentage	SY2019 Statewide Percentage
1-Not Yet Ready	6%	6%	6%
2-Approaching Ready	10%	10%	11%
3-Ready and Practicing	22%	24%	24%
4-Ready and Performing Independently	61%	60%	59%
Total of all students statewide identified as ready	83%	84%	83%



Domain Scores

Domain scores are included in the report to provide a general sense of relative strengths and weaknesses at the supervisory district level. In the validation report, AIR recommended that domain scores only be used to draw general comparisons between domain levels and between the supervisory district and statewide scores. Totaling scores across domains will not result in data that are useful for understanding readiness. The 34 items on the R4K!S are clustered into five domains:

- 1. Physical Development and Health- 6 items, two of which do not contribute to readiness score
- 2. Social-Emotional Development- 7 items, all of which contribute to readiness score
- 3. Approaches to Learning-7 items, all of which contribute to readiness score
- 4. Communication- 3 items, all of which contribute to readiness score
- 5. Cognitive Development- 11 items, all of which contribute to readiness score

Supervisory Union/District and Statewide R4K!S Results

Data in the following tables are based on the number of students for whom teachers submitted scores. Teachers did not submit scores for all students in all districts, so in many cases the data do not reflect the entire student population or all of the schools in the state or a district. Where a district may be missing R4K!S data, survey results were not submitted for SY2019 by the district or were considered invalid.

This SY19 R4K!S report includes four tables Statewide and across Supervisory Union/Districts:

TABLE 1: Characteristics of Students Surveyed

TABLE 2: Readiness Rating Groups

TABLE 3: Readiness and Average Total Score: All students, Free and Reduced Lunch (FRL) and students not eligible for Free and Reduced Lunch (NFRL)

TABLE 4: Total Domain Scores

TABLE 1: Characteristics of Students Surveyed

Table 1 provides a summary of the characteristics of surveyed kindergarten students broken out by several demographic groups reporting statewide and supervisory union/district data.

The category, "Did Not Attend Prequalified Publicly Funded Pre-K" includes both students who attended preschool or childcare that was **not publicly funded** and those who did not attend preschool or childcare. Because this statistic includes both groups, definitive conclusions cannot be made concerning the effect of Pre-K attendance on readiness on the basis of this data.



STATE	Total Students	Percent of Students Surveyed	Average Total Score	Number Ready	Percent Ready
Total Enrollment	5,682				
All Students Surveyed	4,819	84.81%	84.35	3,996	82.92%
Boys	2,529	52.48%	81.69	1,977	78.17%
Girls	2,290	47.52%	87.28	2,019	88.17%
Free and Reduced Lunch Eligible	1,958	40.63%	78.88	1,448	73.95%
Not Free and Reduced Lunch Eligible	2,861	59.37%	88.08	2,548	89.06%
Attended Publicly Funded Pre-K	3,840	79.68%	84.54	3,186	82.97%
Did Not Attend Publicly Funded Pre-K	979	20.32%	83.58	810	82.74%

ADDISON CENTRAL SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	88.50	95.05%
	Boys	53.47%	86.52	92.59%
	Girls	46.53%	90.79	97.87%
	Free and Reduced Lunch Eligible	29.70%	84.17	86.67%
	Not Free and Reduced Lunch Eligible	70.30%	90.34	98.59%
	Attended Publicly Funded Pre-K	85.15%	88.77	94.19%
	Did Not Attend Publicly Funded Pre-K	14.85%	87.00	100.00%
ADDISON NORTHEAST SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	88.58	92.31%
	Boys	63.46%	86.24	87.88%
	Girls	36.54%	92.63	100.00%
	Free and Reduced Lunch Eligible	98.08%	88.67	92.16%
	Not Free and Reduced Lunch Eligible	1.92%	84.00	100.00%
	Attended Publicly Funded Pre-K	76.92%	87.97	90.00%
	Did Not Attend Publicly Funded Pre-K	23.08%	90.58	100.00%
ADDISON NORTHWEST SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	83.63	78.87%
	Boys	57.75%	80.78	75.61%
	Girls	42.25%	87.53	83.33%
	Free and Reduced Lunch Eligible	25.35%	80.11	72.22%
	Not Free and Reduced Lunch Eligible	74.65%	84.83	81.13%
	Attended Publicly Funded Pre-K	69.01%	81.37	73.47%
	Did Not Attend Publicly Funded Pre-K	30.99%	88.68	90.91%

ADDISON RUTLAND SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	86.88	90.59%
	Boys	50.59%	84.95	88.37%
	Girls	49.41%	88.86	92.86%
	Free and Reduced Lunch Eligible	45.88%	81.82	79.49%
	Not free and Reduced Lunch Eligible	54.12%	91.17	100.00%
	Attended Publicly Funded Pre-K	82.35%	87.06	91.43%
	Did Not Attend Publicly Funded Pre-K	17.65%	86.07	86.67%
BARRE SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	75.28	64.90%
	Boys	52.32%	73.24	60.76%
	Girls	47.68%	77.51	69.44%
	Free and Reduced Lunch Eligible	47.68%	70.26	56.94%
	Not Free and Reduced Lunch Eligible	52.32%	79.85	72.15%
	Attended Publicly Funded Pre-K	84.11%	75.28	64.57%
	Did Not Attend Publicly Funded Pre-K	15.89%	75.25	66.67%
BATTENKILL VALLEY SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	88.46	88.46%
	Boys	57.69%	85.07	80.00%
	Girls	42.31%	93.09	100.00%
	Free and Reduced Lunch Eligible	57.69%	85.87	86.67%
	Not Free and Reduced Lunch Eligible	42.31%	92.00	90.91%
	Attended Publicly Funded Pre-K	76.92%	92.75	100.00%
	Did Not Attend Publicly Funded Pre-K	23.08%	74.17	50.00%
BENNINGTON RUTLAND SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	87.49	87.93%
	Boys	60.34%	85.01	84.29%
	Girls	39.66%	91.33	93.48%
	Free and Reduced Lunch Eligible	22.41%	81.64	73.08%
	Not Free and Reduced Lunch Eligible	77.59%	89.11	92.22%
	Attended Publicly Funded Pre-K	83.62%	88.85	90.72%
	Did Not Attend Publicly Funded Pre-K	16.38%	80.58	73.68%
BURLINGTON SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	78.36	69.92%
	Boys	52.54%	74.85	63.71%
	Girls	47.46%	82.21	76.79%
	Free and Reduced Lunch Eligible	56.78%	71.63	58.96%
	Not Free and Reduced Lunch Eligible	43.22%	87.45	84.31%
	Attended Publicly Funded Pre-K	82.63%	78.18	71.28%
	Did Not Attend Publicly Funded Pre-K	17.37%	79.26	63.41%



CALEDONIA CENTRAL SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	86.53	89.39%
	Boys	42.42%	83.68	82.14%
	Girls	57.58%	88.63	94.74%
	Free and Reduced Lunch Eligible	30.30%	84.25	85.00%
	Not free and Reduced Lunch Eligible	69.70%	87.52	91.30%
	Attended Publicly Funded Pre-K	90.91%	86.18	90.00%
	Did Not Attend Publicly Funded Pre-K	9.09%	90.00	83.33%
CENTRAL VERMONT SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	74.60	59.38%
	Boys	54.69%	72.26	57.14%
	Girls	45.31%	77.34	62.07%
	Free and Reduced Lunch Eligible	45.31%	73.14	51.72%
	Not Free and Reduced Lunch Eligible	54.69%	75.77	65.71%
	Attended Publicly Funded Pre-K	92.19%	74.59	61.02%
	Did Not Attend Publicly Funded Pre-K	7.81%	74.80	40.00%
CHAMPLAIN VALLEY SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	91.60	93.75%
	Boys	55.00%	90.30	93.18%
	Girls	45.00%	93.19	94.44%
	Free and Reduced Lunch Eligible	11.67%	79.82	75.00%
	Not Free and Reduced Lunch Eligible	88.33%	93.16	96.23%
	Attended Publicly Funded Pre-K	85.00%	92.64	95.10%
	Did Not Attend Publicly Funded Pre-K	15.00%	85.72	86.11%
CHITTENDEN EAST SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	91.29	90.79%
	Boys	57.89%	89.59	88.64%
	Girls	42.11%	93.62	93.75%
	Free and Reduced Lunch Eligible	19.74%	84.13	73.33%
	Not Free and Reduced Lunch Eligible	80.26%	93.05	95.08%
	Attended Publicly Funded Pre-K	86.84%	90.47	89.39%
	Did Not Attend Publicly Funded Pre-K	13.16%	96.70	100.00%
COLCHESTER SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	85.99	84.31%
	Boys	43.79%	82.07	77.61%
	Girls	56.21%	89.05	89.53%
	Free and Reduced Lunch Eligible	30.72%	80.17	76.60%
	Not Free and Reduced Lunch Eligible	69.28%	88.58	87.74%
	Attended Publicly Funded Pre-K	77.12%	86.62	86.44%
	Did Not Attend Publicly Funded Pre-K	22.88%	83.89	77.14%



ESSEX NORTH SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	79.67	66.67%
	Boys	66.67%	71.17	50.00%
	Girls	33.33%	96.67	100.00%
	Free and Reduced Lunch Eligible	44.44%	62.25	25.00%
	Not free and Reduced Lunch Eligible	55.56%	93.60	100.00%
	Attended Publicly Funded Pre-K	88.89%	76.88	62.50%
	Did Not Attend Publicly Funded Pre-K	11.11%	102.00	100.00%
ESSEX WESTFORD SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	83.88	81.56%
	Boys	53.07%	81.27	75.79%
	Girls	46.93%	86.82	88.10%
	Free and Reduced Lunch Eligible	23.46%	74.88	66.67%
	Not Free and Reduced Lunch Eligible	76.54%	86.64	86.13%
	Attended Publicly Funded Pre-K	83.80%	84.53	82.67%
	Did Not Attend Publicly Funded Pre-K	16.20%	80.52	75.86%
FRANKLIN NORTHEAST SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	84.53	84.07%
	Boys	50.44%	81.53	75.44%
	Girls	49.56%	87.59	92.86%
	Free and Reduced Lunch Eligible	53.10%	80.52	76.67%
	Not Free and Reduced Lunch Eligible	46.90%	89.08	92.45%
	Attended Publicly Funded Pre-K	87.61%	84.31	83.84%
	Did Not Attend Publicly Funded Pre-K	12.39%	86.07	85.71%
FRANKLIN NORTHWEST SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	83.47	87.80%
	Boys	47.97%	82.19	86.44%
	Girls	52.03%	84.66	89.06%
	Free and Reduced Lunch Eligible	38.21%	78.09	76.60%
	Not Free and Reduced Lunch Eligible	61.79%	86.80	94.74%
	Attended Publicly Funded Pre-K	86.99%	83.88	87.85%
	Did Not Attend Publicly Funded Pre-K	13.01%	80.75	87.50%
FRANKLIN WEST SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	85.27	87.01%
	Boys	51.95%	82.58	82.50%
	Girls	48.05%	88.19	91.89%
	Free and Reduced Lunch Eligible	9.09%	74.43	57.14%
	Not Free and Reduced Lunch Eligible	90.91%	86.36	90.00%
	Attended Publicly Funded Pre-K	85.71%	84.97	86.36%
	Did Not Attend Publicly Funded Pre-K	14.29%	87.09	90.91%



GRAND ISLE SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	86.00	94.74%
	Boys	73.68%	86.07	92.86%
	Girls	26.32%	85.80	100.00%
	Free and Reduced Lunch Eligible	5.26%	63.00	0.00%
	Not free and Reduced Lunch Eligible	94.74%	87.28	100.00%
	Attended Publicly Funded Pre-K	78.95%	86.67	100.00%
	Did Not Attend Publicly Funded Pre-K	21.05%	83.50	75.00%
GREATER RUTLAND COUNTY SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	85.18	82.46%
	Boys	51.75%	83.78	79.66%
	Girls	48.25%	86.67	85.45%
	Free and Reduced Lunch Eligible	39.47%	78.42	71.11%
	Not Free and Reduced Lunch Eligible	60.53%	89.58	89.86%
	Attended Publicly Funded Pre-K	79.82%	84.68	80.22%
	Did Not Attend Publicly Funded Pre-K	20.18%	87.13	91.30%
HARTFORD SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	75.60	60.87%
	Boys	61.96%	74.39	59.65%
	Girls	38.04%	77.65	62.86%
	Free and Reduced Lunch Eligible	29.35%	63.62	37.04%
	Not Free and Reduced Lunch Eligible	70.65%	80.40	70.77%
	Attended Publicly Funded Pre-K	75.00%	74.35	59.42%
	Did Not Attend Publicly Funded Pre-K	25.00%	79.55	65.22%
HARWOOD UNIFIED UNION SUPERVISORY DISTRICT	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	91.48	95.31%
	Boys	47.66%	88.51	91.80%
	Girls	52.34%	94.18	98.51%
	Free and Reduced Lunch Eligible	20.31%	85.65	92.31%
	Not Free and Reduced Lunch Eligible	79.69%	92.96	96.08%
	Attended Publicly Funded Pre-K	86.72%	92.23	96.40%
	Did Not Attend Publicly Funded Pre-K	13.28%	86.59	88.24%
KINGDOM EAST SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	82.96	87.38%
	Boys	42.72%	77.98	77.27%
	Girls	57.28%	86.68	94.92%
	Free and Reduced Lunch Eligible	55.34%	80.25	82.46%
	Not Free and Reduced Lunch Eligible	44.66%	86.33	93.48%
	Attended Publicly Funded Pre-K	84.47%	82.76	88.51%
	Did Not Attend Publicly Funded Pre-K	15.53%	84.06	81.25%



LAMOILLE NORTH SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	84.66	84.17%
	Boys	47.50%	82.98	80.70%
	Girls	52.50%	86.17	87.30%
	Free and Reduced Lunch Eligible	15.00%	81.28	83.33%
	Not free and Reduced Lunch Eligible	85.00%	85.25	84.31%
	Attended Publicly Funded Pre-K	80.83%	84.55	82.47%
	Did Not Attend Publicly Funded Pre-K	19.17%	85.13	91.30%
LAMOILLE SOUTH SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	91.29	90.68%
	Boys	50.85%	88.88	86.67%
	Girls	49.15%	93.74	94.83%
	Free and Reduced Lunch Eligible	31.36%	81.46	83.78%
	Not Free and Reduced Lunch Eligible	68.64%	95.84	93.83%
	Attended Publicly Funded Pre-K	85.59%	92.44	92.08%
	Did Not Attend Publicly Funded Pre-K	14.41%	84.53	82.35%
MAPLE RUN SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	80.72	78.97%
	Boys	48.72%	78.58	74.74%
	Girls	51.28%	82.75	83.00%
	Free and Reduced Lunch Eligible	40.00%	73.03	62.82%
	Not Free and Reduced Lunch Eligible	60.00%	85.85	89.74%
	Attended Publicly Funded Pre-K	81.54%	80.99	77.99%
	Did Not Attend Publicly Funded Pre-K	18.46%	79.53	83.33%
MILL RIVER UNIFIED UNION SUPERVISORY DISTRICT	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	80.48	74.07%
	Boys	50.00%	77.07	66.67%
	Girls	50.00%	83.89	81.48%
	Free and Reduced Lunch Eligible	50.00%	74.89	62.96%
	Not Free and Reduced Lunch Eligible	50.00%	86.07	85.19%
	Attended Publicly Funded Pre-K	72.22%	79.36	71.79%
	Did Not Attend Publicly Funded Pre-K	27.78%	83.40	80.00%
MILTON SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	86.94	88.99%
	Boys	55.96%	83.30	83.61%
	Girls	44.04%	91.56	95.83%
	Free and Reduced Lunch Eligible	38.53%	78.83	78.57%
	Not Free and Reduced Lunch Eligible	61.47%	92.01	95.52%
	Attended Publicly Funded Pre-K	83.49%	86.20	87.91%
	Did Not Attend Publicly Funded Pre-K	16.51%	90.67	94.44%



MONTPELIER ROXBURY SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students			
	Boys			
	Girls			
	Free and Reduced Lunch Eligible			
	Not free and Reduced Lunch Eligible			
	Attended Publicly Funded Pre-K			
	Did Not Attend Publicly Funded Pre-K			
NORTH COUNTRY SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	85.86	84.36%
	Boys	56.42%	83.78	80.20%
	Girls	43.58%	88.55	89.74%
	Free and Reduced Lunch Eligible	58.10%	82.92	79.81%
	Not Free and Reduced Lunch Eligible	41.90%	89.93	90.67%
	Attended Publicly Funded Pre-K	75.98%	86.71	83.09%
	Did Not Attend Publicly Funded Pre-K	24.02%	83.19	88.37%
ORANGE EAST SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	78.93	83.64%
	Boys	56.36%	79.39	83.87%
	Girls	43.64%	78.33	83.33%
	Free and Reduced Lunch Eligible	52.73%	77.00	75.86%
	Not Free and Reduced Lunch Eligible	47.27%	81.08	92.31%
	Attended Publicly Funded Pre-K	70.91%	77.95	82.05%
	Did Not Attend Publicly Funded Pre-K	29.09%	81.31	87.50%
ORANGE SOUTHWEST SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	79.00	78.57%
	Boys	52.38%	73.59	68.18%
	Girls	47.62%	84.95	90.00%
	Free and Reduced Lunch Eligible	47.62%	70.35	60.00%
	Not Free and Reduced Lunch Eligible	52.38%	86.86	95.45%
	Attended Publicly Funded Pre-K	47.62%	75.60	70.00%
	Did Not Attend Publicly Funded Pre-K	52.38%	82.09	86.36%
ORLEANS CENTRAL SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	76.33	66.07%
	Boys	46.43%	71.42	53.85%
	Girls	53.57%	80.72	76.67%
	Free and Reduced Lunch Eligible	67.86%	77.41	68.42%
	Not Free and Reduced Lunch Eligible	32.14%	74.11	61.11%
	Attended Publicly Funded Pre-K	82.14%	75.71	67.39%
	Did Not Attend Publicly Funded Pre-K	17.86%	79.10	60.00%



ORLEANS SOUTHWEST SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	83.34	83.05%
	Boys	49.15%	79.66	72.41%
	Girls	50.85%	86.90	93.33%
	Free and Reduced Lunch Eligible	61.02%	80.00	77.78%
	Not free and Reduced Lunch Eligible	38.98%	88.57	91.30%
	Attended Publicly Funded Pre-K	76.27%	84.29	84.44%
	Did Not Attend Publicly Funded Pre-K	23.73%	80.29	78.57%
RIVENDELL INTERSTATE SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	84.93	81.48%
	Boys	55.56%	81.33	73.33%
	Girls	44.44%	89.42	91.67%
	Free and Reduced Lunch Eligible	59.26%	83.94	75.00%
	Not Free and Reduced Lunch Eligible	40.74%	86.36	90.91%
	Attended Publicly Funded Pre-K	85.19%	86.52	86.96%
	Did Not Attend Publicly Funded Pre-K	14.81%	75.75	50.00%
RUTLAND CITY SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	77.10	68.03%
	Boys	51.64%	72.03	57.14%
	Girls	48.36%	82.51	79.66%
	Free and Reduced Lunch Eligible	36.89%	71.36	57.78%
	Not Free and Reduced Lunch Eligible	63.11%	80.45	74.03%
	Attended Publicly Funded Pre-K	53.28%	70.69	52.31%
	Did Not Attend Publicly Funded Pre-K	46.72%	84.40	85.96%
RUTLAND NORTHEAST SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	84.70	83.87%
	Boys	58.06%	80.92	75.93%
	Girls	41.94%	89.97	94.87%
	Free and Reduced Lunch Eligible	36.56%	78.61	76.47%
	Not Free and Reduced Lunch Eligible	63.44%	88.17	88.14%
	Attended Publicly Funded Pre-K	75.27%	84.85	82.86%
	Did Not Attend Publicly Funded Pre-K	24.73%	84.26	86.96%
SAU 70	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	86.77	90.00%
	Boys	43.33%	81.23	76.92%
	Girls	56.67%	91.00	100.00%
	Free and Reduced Lunch Eligible	3.33%	43.00	0.00%
	Not Free and Reduced Lunch Eligible	96.67%	88.28	93.10%
	Attended Publicly Funded Pre-K	60.00%	86.50	88.89%
	Did Not Attend Publicly Funded Pre-K	40.00%	87.17	91.67%



SOUTH BURLINGTON SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	91.97	93.40%
	Boys	46.23%	89.67	91.84%
	Girls	53.77%	93.95	94.74%
	Free and Reduced Lunch Eligible	22.64%	81.71	79.17%
	Not free and Reduced Lunch Eligible	77.36%	94.98	97.56%
	Attended Publicly Funded Pre-K	81.13%	92.53	93.02%
	Did Not Attend Publicly Funded	10.050/	00.55	05.000/
	Pre-K	18.87%	89.55	95.00%
SOUTHWEST VERMONT SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	81.24	80.70%
	Boys	53.51%	78.89	77.05%
	Girls	46.49%	83.94	84.91%
	Free and Reduced Lunch Eligible	67.54%	77.60	74.03%
	Not Free and Reduced Lunch Eligible	32.46%	88.81	94.59%
	Attended Publicly Funded Pre-K	75.44%	81.85	83.72%
	Did Not Attend Publicly Funded Pre-K	24.56%	79.36	71.43%
SPRINGFIELD SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	82.52	84.81%
	Boys	55.70%	77.43	79.55%
	Girls	44.30%	88.91	91.43%
	Free and Reduced Lunch Eligible	60.76%	79.04	79.17%
	Not Free and Reduced Lunch Eligible	39.24%	87.90	93.55%
	Attended Publicly Funded Pre-K	69.62%	83.07	85.45%
	Did Not Attend Publicly Funded Pre-K	30.38%	81.25	83.33%
ST JOHNSBURY SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	83.65	85.19%
	Boys	48.15%	82.04	80.77%
	Girls	51.85%	85.14	89.29%
	Free and Reduced Lunch Eligible	85.19%	84.48	89.13%
	Not Free and Reduced Lunch Eligible	14.81%	78.88	62.50%
	Attended Publicly Funded Pre-K	85.19%	83.43	82.61%
	Did Not Attend Publicly Funded Pre-K	14.81%	84.88	100.00%
TWO RIVERS SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	87.45	91.04%
	Boys	52.24%	83.44	88.57%
	Girls	47.76%	91.72	93.75%
	Free and Reduced Lunch Eligible	41.79%	83.56	85.71%
	Not Free and Reduced Lunch Eligible	58.21%	90.15	94.87%
	Attended Publicly Funded Pre-K	86.57%	87.42	91.38%
	Did Not Attend Publicly Funded Pre-K	13.43%	87.67	88.89%



WASHINGTON CENTRAL SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	92.22	95.95%
	Boys	60.81%	91.76	95.56%
	Girls	39.19%	92.93	96.55%
	Free and Reduced Lunch Eligible	93.24%	92.62	97.10%
	Not free and Reduced Lunch Eligible	6.76%	86.60	80.00%
	Attended Publicly Funded Pre-K	83.78%	93.10	96.77%
	Did Not Attend Publicly Funded Pre-K	16.22%	87.67	91.67%
WASHINGTON NORTHEAST SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	84.39	80.65%
	Boys	58.06%	75.67	66.67%
	Girls	41.94%	96.46	100.00%
	Free and Reduced Lunch Eligible	58.06%	76.44	66.67%
	Not Free and Reduced Lunch Eligible	41.94%	95.38	100.00%
	Attended Publicly Funded Pre-K	90.32%	84.79	78.57%
	Did Not Attend Publicly Funded Pre-K	9.68%	80.67	100.00%
WHITE RIVER VALLEY SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	84.36	80.23%
	Boys	50.00%	81.40	74.42%
	Girls	50.00%	87.33	86.05%
	Free and Reduced Lunch Eligible	31.40%	82.26	85.19%
	Not Free and Reduced Lunch Eligible	68.60%	85.32	77.97%
	Attended Publicly Funded Pre-K	76.74%	84.61	78.79%
	Did Not Attend Publicly Funded Pre-K	23.26%	83.55	85.00%
WINDHAM CENTRAL SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	84.39	80.65%
	Boys	45.16%	78.04	71.43%
	Girls	54.84%	89.62	88.24%
	Free and Reduced Lunch Eligible	43.55%	79.22	70.37%
	Not Free and Reduced Lunch Eligible	56.45%	88.37	88.57%
	Attended Publicly Funded Pre-K	82.26%	83.73	80.39%
	Did Not Attend Publicly Funded Pre-K	17.74%	87.45	81.82%
WINDHAM NORTHEAST SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	82.27	80.60%
	Boys	47.76%	80.50	75.00%
	Girls	52.24%	83.89	85.71%
	Free and Reduced Lunch Eligible	67.16%	79.91	75.56%
	Not Free and Reduced Lunch Eligible	32.84%	87.09	90.91%
	Attended Publicly Funded Pre-K	76.12%	80.04	76.47%
	Did Not Attend Publicly Funded Pre-K	23.88%	89.38	93.75%



WINDHAM SOUTHEAST SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	85.11	84.71%
	Boys	52.94%	83.36	81.11%
	Girls	47.06%	87.09	88.75%
	Free and Reduced Lunch Eligible	38.82%	81.29	78.79%
	Not free and Reduced Lunch Eligible	61.18%	87.54	88.46%
	Attended Publicly Funded Pre-K	73.53%	84.32	83.20%
	Did Not Attend Publicly Funded Pre-K	26.47%	87.31	88.89%
WINDHAM SOUTHWEST SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	86.77	94.87%
	Boys	71.79%	84.71	92.86%
	Girls	28.21%	92.00	100.00%
	Free and Reduced Lunch Eligible	46.15%	86.78	94.44%
	Not Free and Reduced Lunch Eligible	53.85%	86.76	95.24%
	Attended Publicly Funded Pre-K	71.79%	87.29	96.43%
	Did Not Attend Publicly Funded Pre-K	28.21%	85.45	90.91%
WINDSOR CENTRAL SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	85.61	78.72%
	Boys	59.57%	82.70	71.43%
	Girls	40.43%	89.74	89.47%
	Free and Reduced Lunch Eligible	36.17%	78.18	70.59%
	Not Free and Reduced Lunch Eligible	63.83%	89.97	83.33%
	Attended Publicly Funded Pre-K	85.11%	86.38	80.00%
	Did Not Attend Publicly Funded Pre-K	14.89%	81.29	71.43%
WINDSOR SOUTHEAST SU	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	81.71	76.64%
	Boys	54.21%	80.02	72.41%
	Girls	45.79%	83.71	81.63%
	Free and Reduced Lunch Eligible	44.86%	72.27	62.50%
	Not Free and Reduced Lunch Eligible	55.14%	89.39	88.14%
	Attended Publicly Funded Pre-K	62.62%	84.90	80.60%
	Did Not Attend Publicly Funded Pre-K	37.38%	76.38	70.00%
WINOOSKI SD	Demographic Group	Percent of Students	Average Total Score	Percent Ready
	All Students	++	81.68	79.03%
	Boys	53.23%	77.64	72.73%
	Girls	46.77%	86.28	86.21%
	Free and Reduced Lunch Eligible	56.45%	80.77	74.29%
	Not Free and Reduced Lunch Eligible	43.55%	82.85	85.19%
	Attended Publicly Funded Pre-K	77.42%	81.67	77.08%
	Did Not Attend Publicly Funded Pre-K	22.58%	81.71	85.71%



TABLE 3: Readiness and Average Total Score: All students, Free and Reduced Lunch (FRL) and students not eligible for Free and Reduced Lunch (NFRL)

Table 3 below compares the percent ready and average "Total Score" of all students, Free and Reduced Lunch (FRL) eligible students, and students not eligible for Free and Reduced Lunch (NFRL). Students with readiness scores above 64 points are identified as "Ready." The "Mean Total Score" is the average across the 32 items (questions) that comprise the R4K!S.

Supervisory Union/District	Percent of Surveyed Students FRL Eligible	Percent of all Students Ready	Percent of FRL Eligible Students Ready	Percent of NFRL Students Ready	All Students Mean Total Score	FRL Eligible Students Mean Total Score	NFRL Students Mean Total Score
STATE	40.63%	82.92%	73.95%	89.06%	84.35	78.88	88.08
ADDISON CENTRAL SD	29.70%	95.05%	86.67%	98.59%	88.50	84.17	90.34
ADDISON NORTHEAST SU	98.08%	92.31%	92.16%	100.00%	88.58	88.67	84.00
ADDISON NORTHWEST SD	25.35%	78.87%	72.22%	81.13%	83.63	80.11	84.83
ADDISON RUTLAND SU	45.88%	90.59%	79.49%	100.00%	86.88	81.82	91.17
BARRE SU	47.68%	64.90%	56.94%	72.15%	75.28	70.26	79.85
BATTENKILL VALLEY SU	57.69%	88.46%	86.67%	90.91%	88.46	85.87	92.00
BENNINGTON RUTLAND SU	22.41%	87.93%	73.08%	92.22%	87.49	81.64	89.11
BURLINGTON SD	56.78%	69.92%	58.96%	84.31%	78.36	71.63	87.45
CALEDONIA CENTRAL SU	30.30%	89.39%	85.00%	91.30%	86.53	84.25	87.52
CENTRAL VERMONT SU	45.31%	59.38%	51.72%	65.71%	74.60	73.14	75.77
CHAMPLAIN VALLEY SD	11.67%	93.75%	75.00%	96.23%	91.60	79.82	93.16
CHITTENDEN EAST SU	19.74%	90.79%	73.33%	95.08%	91.29	84.13	93.05
COLCHESTER SD	30.72%	84.31%	76.60%	87.74%	85.99	80.17	88.58
ESSEX NORTH SU	44.44%	66.67%	25.00%	100.00%	79.67	62.25	93.60
ESSEX WESTFORD SD	23.46%	81.56%	66.67%	86.13%	83.88	74.88	86.64
FRANKLIN NORTHEAST SU	53.10%	84.07%	76.67%	92.45%	84.53	80.52	89.08
FRANKLIN NORTHWEST SU	38.21%	87.80%	76.60%	94.74%	83.47	78.09	86.80
FRANKLIN WEST SU	9.09%	87.01%	57.14%	90.00%	85.27	74.43	86.36



Supervisory Union/District	Percent of Surveyed Students FRL Eligible	Percent of all Students Ready	Percent of FRL Eligible Students Ready	Percent of NFRL Students Ready	All Students Mean Total Score	FRL Eligible Students Mean Total Score	NFRL Students Mean Total Score
GRAND ISLE SU	5.26%	94.74%	0.00%	100.00%	86.00	63.00	87.28
GREATER RUTLAND COUNTY SU	39.47%	82.46%	71.11%	89.86%	85.18	78.42	89.58
HARTFORD SD	29.35%	60.87%	37.04%	70.77%	75.60	63.62	80.40
HARWOOD UNIFIED UNION SUPERVISORY DISTRICT	20.31%	95.31%	92.31%	96.08%	91.48	85.65	92.96
KINGDOM EAST SD	55.34%	87.38%	82.46%	93.48%	82.96	80.25	86.33
LAMOILLE NORTH SU	15.00%	84.17%	83.33%	84.31%	84.66	81.28	85.25
LAMOILLE SOUTH SU	31.36%	90.68%	83.78%	93.83%	91.29	81.46	95.84
MAPLE RUN SD	40.00%	78.97%	62.82%	89.74%	80.72	73.03	85.85
MILL RIVER UNIFIED UNION SUPERVISORY DISTRICT	50.00%	74.07%	62.96%	85.19%	80.48	74.89	86.07
MILTON SD	38.53%	88.99%	78.57%	95.52%	86.94	78.83	92.01
MONTPELIER ROXBURY SD							
NORTH COUNTRY SU	58.10%	84.36%	79.81%	90.67%	85.86	82.92	89.93
ORANGE EAST SU	52.73%	83.64%	75.86%	92.31%	78.93	77.00	81.08
ORANGE SOUTHWEST SD	47.62%	78.57%	60.00%	95.45%	79.00	70.35	86.86
ORLEANS CENTRAL SU	67.86%	66.07%	68.42%	61.11%	76.33	77.41	74.11
ORLEANS SOUTHWEST SU	61.02%	83.05%	77.78%	91.30%	83.34	80.00	88.57
RIVENDELL INTERSTATE SD	59.26%	81.48%	75.00%	90.91%	84.93	83.94	86.36
RUTLAND CITY SD	36.89%	68.03%	57.78%	74.03%	77.10	71.36	80.45
RUTLAND NORTHEAST SU	36.56%	83.87%	76.47%	88.14%	84.70	78.61	88.17
SAU 70	3.33%	90.00%	0.00%	93.10%	86.77	43.00	88.28
SOUTH BURLINGTON SD	22.64%	93.40%	79.17%	97.56%	91.97	81.71	94.98
SOUTHWEST VERMONT SU	67.54%	80.70%	74.03%	94.59%	81.24	77.60	88.81



Supervisory Union/District	Percent of Surveyed Students FRL Eligible	Percent of all Students Ready	Percent of FRL Eligible Students Ready	Percent of NFRL Students Ready	All Students Mean Total Score	FRL Eligible Students Mean Total Score	NFRL Students Mean Total Score
SPRINGFIELD SD	60.76%	84.81%	79.17%	93.55%	82.52	79.04	87.90
ST JOHNSBURY SD	85.19%	85.19%	89.13%	62.50%	83.65	84.48	78.88
TWO RIVERS SU	41.79%	91.04%	85.71%	94.87%	87.45	83.56	90.15
WASHINGTON CENTRAL SU	93.24%	95.95%	97.10%	80.00%	92.22	92.62	86.60
WASHINGTON NORTHEAST SU	58.06%	80.65%	66.67%	100.00%	84.39	76.44	95.38
WHITE RIVER VALLEY SU	31.40%	80.23%	85.19%	77.97%	84.36	82.26	85.32
WINDHAM CENTRAL SU	43.55%	80.65%	70.37%	88.57%	84.39	79.22	88.37
WINDHAM NORTHEAST SU	67.16%	80.60%	75.56%	90.91%	82.27	79.91	87.09
WINDHAM SOUTHEAST SU	38.82%	84.71%	78.79%	88.46%	85.11	81.29	87.54
WINDHAM SOUTHWEST SU	46.15%	94.87%	94.44%	95.24%	86.77	86.78	86.76
WINDSOR CENTRAL	36.17%	78.72%	70.59%	83.33%	85.61	78.18	89.97
WINDSOR SOUTHEAST SU	44.86%	76.64%	62.50%	88.14%	81.71	72.27	89.39
WINOOSKI SD	56.45%	79.03%	74.29%	85.19%	81.68	80.77	82.85

TABLE 4: Total Domain Scores

Domain scores are included in the report to provide a general sense of relative strengths and weaknesses at the supervisory district level. In the validation report, AIR recommended that domain scores only be used to draw general comparisons between domain levels and between the supervisory district and statewide scores. Totaling scores across domains will not result in data that are useful for understanding readiness.

The 34 items on the R4K!S are clustered into five domains:

- 1. Physical Development and Health- 6 items, two of which do not contribute to readiness score
- 2. Social-Emotional Development- 7 items, all of which contribute to readiness score
- 3. Approaches to Learning-7 items, all of which contribute to readiness score
- 4. Communication- 3 items, all of which contribute to readiness score
- 5. Cognitive Development- 11 items, all of which contribute to readiness score



Table 4 below shows the average scores in each domain for the state and for each SU/SD.

	Physical Development and Health	Social Emotional Development	Approaches to Learning	Communication	Cognitive Development
Number of Questions	6	7	7	3	11
Score Range	6-18	7-21	7-21	3-9	11-33
STATE	16.18	16.96	16.92	7.76	26.53
ADDISON CENTRAL SD	16.83	17.50	17.66	8.10	28.42
ADDISON NORTHEAST SU	16.56	17.63	17.98	8.46	27.94
ADDISON NORTHWEST SD	16.14	16.73	17.46	7.80	25.49
ADDISON RUTLAND SU	16.41	18.07	17.45	8.21	26.74
BARRE SU	14.79	14.76	14.50	6.82	24.40
BATTENKILL VALLEY SU	16.00	18.46	17.85	7.85	28.31
BENNINGTON RUTLAND SU	16.47	17.18	17.56	8.19	28.05
BURLINGTON SD	15.56	15.87	15.74	7.32	23.81
CALEDONIA CENTRAL SU	16.68	17.02	16.79	7.95	28.09
CENTRAL VERMONT SU	14.80	15.27	14.86	7.03	22.46
CHAMPLAIN VALLEY SD	17.18	18.37	18.61	8.19	29.25
CHITTENDEN EAST SU	16.75	18.01	18.43	7.93	30.16
COLCHESTER SD	16.38	16.82	17.36	7.52	27.92
ESSEX NORTH SU	15.11	15.22	15.56	7.11	26.67
ESSEX WESTFORD SD	16.15	16.60	16.32	7.81	26.99
FRANKLIN NORTHEAST SU	16.35	17.17	16.69	7.71	26.61
FRANKLIN NORTHWEST SU	16.00	17.18	16.81	7.83	25.65
FRANKLIN WEST SU	16.49	16.52	17.21	7.73	27.32
GRAND ISLE SU	15.84	19.21	16.05	8.53	26.37
GREATER RUTLAND COUNTY SU	16.17	17.54	17.17	7.95	26.35
HARTORD SD	15.05	15.18	15.23	7.01	23.14
HARWOOD UNIFIED UNION SUPERVISORY DISTRICT	16.95	18.34	18.70	8.22	29.27
KINGDOM EAST SD	16.01	16.64	16.26	7.63	26.42



	Physical Development and Health	Social Emotional Development	Approaches to Learning	Communication	Cognitive Development
LAMOILLE NORTH SU	16.01	17.23	17.05	7.82	26.56
LAMOILLE SOUTH SU	17.03	18.34	18.38	8.11	29.39
MAPLE RUN SD	15.81	16.04	16.22	7.31	25.34
MILL RIVER UNIFIED UNION SUPERVISORY DISTRICT	15.67	16.09	16.43	7.17	25.13
MILTON SD	16.41	16.94	17.42	7.81	28.35
MONTPELIER ROXBURY SD					
NORTH COUNTRY SU	16.45	17.64	17.51	7.97	26.30
ORANGE EAST SU	15.87	16.20	15.96	7.60	23.29
ORANGE SOUTHWEST SD	15.02	16.00	15.21	7.29	25.48
ORLEANS CENTRAL SU	15.45	15.36	14.71	7.24	23.58
ORLEANS SOUTHWEST SU	16.31	16.78	16.66	7.64	25.95
RIVENDELL INTERSTATE SD	16.63	17.11	16.78	7.85	26.56
RUTLAND CITY SD	15.57	14.88	15.11	7.09	24.45
RUTLAND NORTHEAST SU	16.19	17.12	17.34	7.79	26.45
SAU 70	17.00	17.70	17.43	7.90	26.73
SOUTH BURLINGTON SD	17.28	18.31	18.66	8.08	29.64
SOUTHWEST VERMONT SU	15.89	17.05	16.74	7.78	23.78
SPRINGFIELD SD	15.65	16.92	16.54	7.67	25.73
ST JOHNSBURY SD	15.78	16.87	17.15	8.24	25.61
TWO RIVERS SU	16.54	17.54	17.60	7.82	28.02
WASHINGTON CENTRAL SU	16.93	18.28	18.82	8.51	29.66
WASHINGTON NORTHEAST SU	15.10	17.61	17.65	8.16	25.87
WHITE RIVER VALLEY SU	16.23	17.03	17.06	7.69	26.35
WINDHAM CENTRAL SU	16.29	17.10	16.87	7.81	26.32
WINDHAM NORTHEAST SU	15.33	16.13	16.30	7.61	26.90



	Physical Development and Health	Social Emotional Development	Approaches to Learning	Communication	Cognitive Development
WINDHAM SOUTHEAST SU	16.48	17.46	17.12	7.96	26.08
WINDHAM SOUTHWEST SU	16.44	17.41	16.97	8.31	27.64
WINDSOR CENTRAL SU	16.09	17.17	17.30	8.11	26.89
WINDSOR SOUTHEAST SU	15.75	16.64	16.30	7.75	25.28
WINOOSKI SD	16.47	17.02	15.69	7.63	24.87

If you have any questions or concerns, please contact Kate Rogers at Kate.Rogers@vermont.gov.

Thank you,

Kate Rogers Early Education Programs Manager Vermont Agency of Education Student Support Services (PreK-8) (802) 828-5042

